Epson Stylus® Photo T50

Quick Guide

Basic Printing
Maintaining Your Printer
Solving Problems
Notices and Warranty

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Introduction

After you have set up your printer as described on the *Start Here* sheet, turn here to:

- Load paper
- Get the basic steps for printing from your computer
- Print true BorderFree® frame-ready prints on select papers
- Print on ink jet-printable CDs and DVDs
- Perform routine maintenance
- Solve simple problems

For additional instructions, see the on-screen *User's Guide* by double-clicking the icon for it on your desktop.

Please follow these guidelines as you read your printer instructions:

Warning:
Warnings must be followed carefully to avoid bodily injury.

Caution:
Cautions must be observed to avoid damage to your equipment.

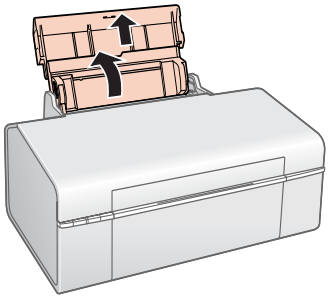
Note:
Notes contain important information about your printer.

Tip:
Tips contain hints for better printing.

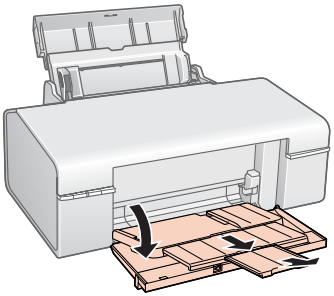
Loading Paper

You can print on a variety of paper types and sizes. For details, see page 6.

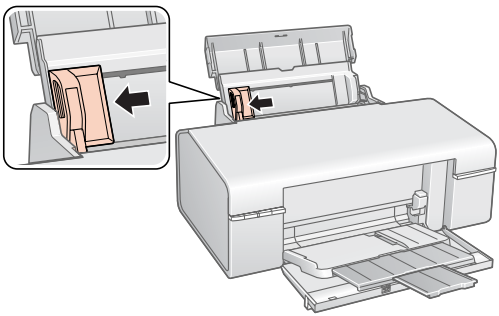
1. Open the paper support, then pull up the extension.



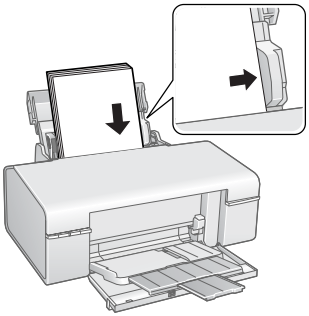
2. Open the front cover and pull out the tray extensions.



3. Slide the edge guide to the left.

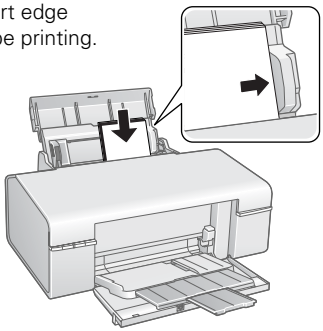


4. Insert paper, glossy or printable side up, short edge first, against the right side and beneath the tab. (Load letterhead or pre-printed paper top edge first.)



Letter-size or 8 × 10-inch paper

Always load paper short edge first, even for landscape printing.

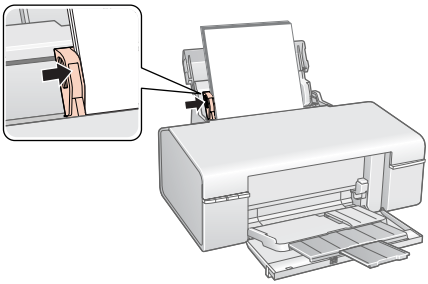


4 × 6 or 5 × 7-inch paper

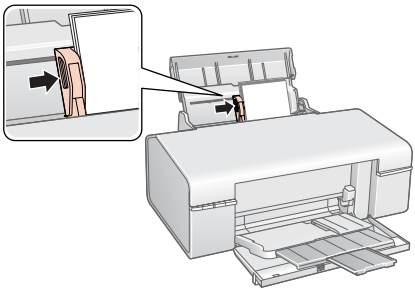
You can load up to 120 sheets of letter- or A4-size plain paper or 20 sheets of photo paper.

Note:
The type of paper you choose affects the way your printout looks. If you are just printing text or a rough draft, plain paper is fine. However, for the best results, you'll want to use one of Epson's special ink jet papers designed for your printer. See the next section for more information.

5. Slide the edge guide against the paper, but not too tightly.



Letter- or A4-size or 8 × 10-inch paper



4 × 6 (10.2 × 15.2 cm) or
5 × 7-inch (12.7 × 17.8 cm) paper

Note:
For instructions on loading envelopes, see your on-screen *User's Guide*.

Using Special Papers

Epson offers a wide array of high quality papers, making it easy to maximize the impact of your photos, presentations, and creative projects.

You can purchase genuine Epson ink and paper from an Epson Authorized reseller. To find the nearest reseller, call your nearest Epson sales office. See "Where To Get Help" on page 29.

Paper type	Size	Part number	Sheet count
Epson Bright White Paper	Letter (8.5 × 11 in. [21.6 × 28 cm])	S041586	500
Epson Photo Paper Glossy	4 × 6 in. (10.2 × 15.2 cm)	S041809-20 S041809 S042038	20 50 100
	Letter (8.5 × 11 in. [21.6 × 28 cm])	S041141 S041649 S041271	20 50 100
Epson Premium Photo Paper Glossy	Borderless 4 × 6 in. (10.2 × 15.2 cm)	S041808 S041727	40 100
	Borderless 5 × 7 in. (12.7 × 17.8 cm)	S041464	20
	Borderless 8 × 10 in. (20.3 × 25.4 cm)	S041465	20
	Letter (8.5 × 11 in. [21.6 × 28 cm])	S042183 S041667	25 50
Epson Ultra Premium Photo Paper Glossy	Borderless 4 × 6 in. (10.2 × 15.2 cm)	S042174	100
	Borderless 5 × 7 in. (12.7 × 17.8 cm)	S041945	20
	Borderless 8 × 10 in. (20.3 × 25.4 cm)	S041946	20
	Letter (8.5 × 11 in. [21.6 × 28 cm])	S042182 S042175	25 50
Epson Premium Photo Paper Semi-gloss	Borderless 4 × 6 in. (10.2 × 15.2 cm)	S041982	40
	Letter (8.5 × 11 in. [21.6 × 28 cm])	S041331	20
Epson Presentation Paper Matte	Letter (8.5 × 11 in. [21.6 × 28 cm])	S041062	100
	Legal (8.5 × 14 in. [21.6 × 35.6 cm])	S041067	100

Paper type	Size	Part number	Sheet count
Epson Premium Presentation Paper Matte	Borderless 8 × 10 in. (20.3 × 25.4 cm)	S041467	50
	Letter (8.5 × 11 in. [21.6 × 28 cm])	S041257 S042180	50 100
Epson Premium Presentation Paper Matte Double-sided	Letter (8.5 × 11 in. [21.6 × 28 cm])	S041568	50
Epson Photo Quality Self-adhesive Sheets	A4 (21.1 × 29.7 cm)	S041106	10
Epson Iron-on Cool Peel Transfer Paper	Letter (8.5 × 11 in. [21.6 × 28 cm])	S041153	10

* Availability of media varies by country.

Basic Printing

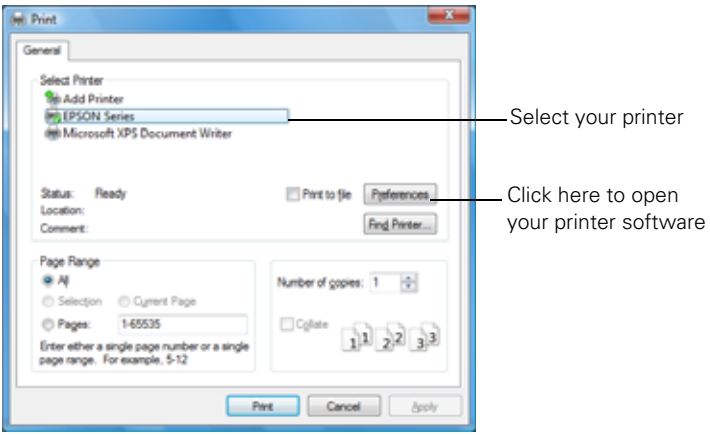
This section describes the basic steps for printing a photo or document stored on your Windows® or Macintosh® computer, and printing directly on an ink jet-printable CD or DVD. For detailed instructions on printing, see the on-screen *User's Guide*.

Before you start, make sure you've installed your printer software and connected the printer to your computer as described on the *Start Here* sheet.

Tip:
It's a good idea to check for updates to your printer software (see page 25 for instructions).

Printing in Windows

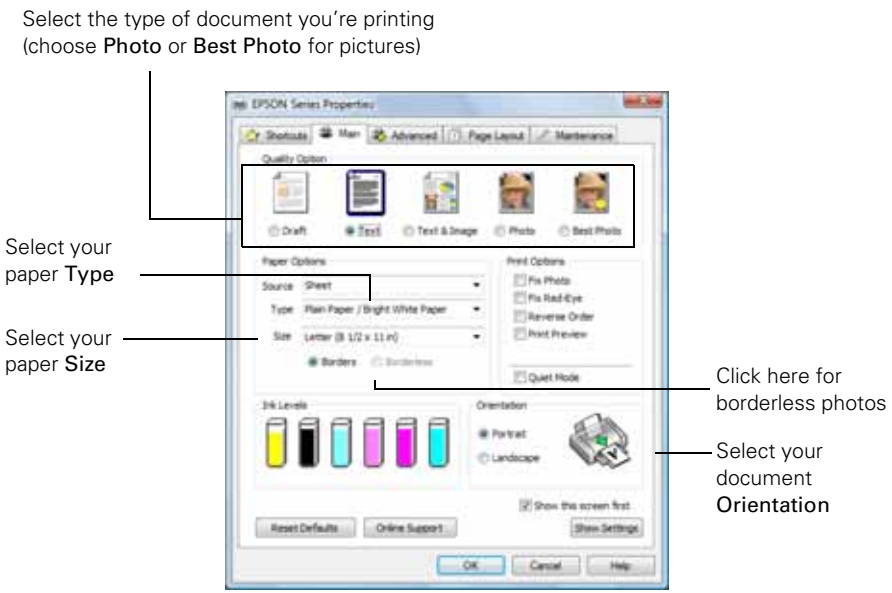
1. Open a photo or document in an application.
2. Open the File menu and select Print. You see a window like this one:



3. Make sure EPSON T50 Series is selected, then click the Preferences or Properties button.

(If you see a Setup, Printer, or Options button, click it. Then click Preferences or Properties on the next screen.)

4. On the Main tab, select the basic print settings. Make sure you choose the correct paper Type setting for the paper you are using (see page 14 for details).

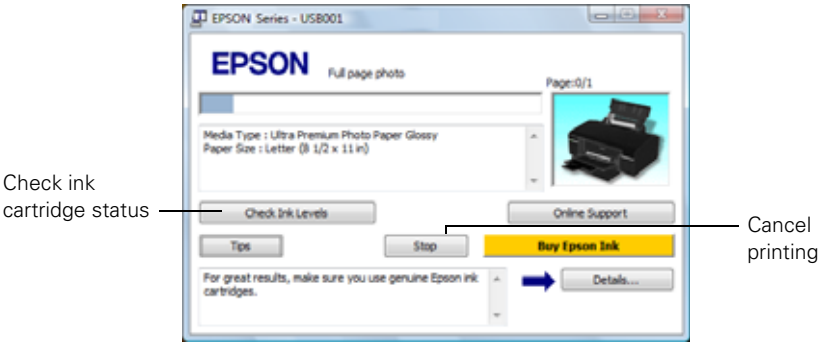

Select the type of document you're printing (choose Photo or Best Photo for pictures)
Select your paper Type
Select your paper Size
Click here for borderless photos
Select your document Orientation

Tip:
For quick access to the most common settings, click the Shortcuts tab and select one of the presets. You can create your own presets by clicking the Save Settings button on the Advanced tab. For details, see your on-screen *User's Guide*.

5. To improve the color, contrast, and sharpness of photos, select Fix Photo. This feature automatically analyzes your photos and adjusts them if necessary.
6. To reduce or remove red-eye effects in photos, select Fix Red-Eye.
7. To print more quietly on plain paper, select Quiet Mode.
8. If you want to reduce or enlarge your printout, or print double-sided, click the Page Layout tab and select settings as necessary.
9. For more printing options, click the Advanced tab.

Note:
For more information about print settings, click Help or see your on-screen *User's Guide*.

10. Click OK to save your settings.
11. Click OK or Print to start printing. This window appears and shows the progress of your print job.



Printing With a Macintosh

See one of the sections below for your Mac OS® operating system.

Mac OS X 10.5

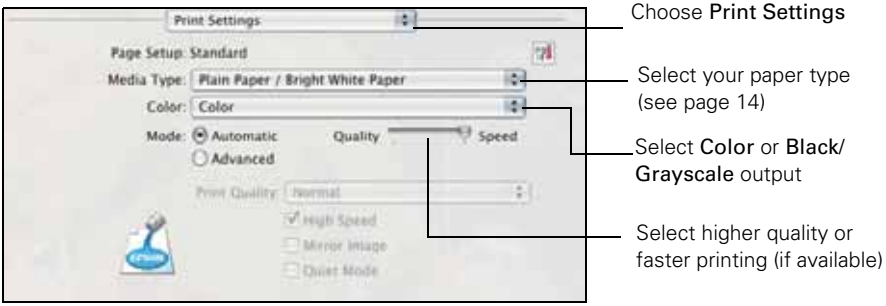
1. Open a photo or document in an application.
2. Open the File menu and select Print.
3. Select EPSON Stylus T50 as the Printer setting.

4. Click ▼ to expand the Print window, if necessary.

5. Select the basic page setup options. For borderless photos, choose a **Paper Size** setting with a **Sheet Feeder - Borderless** option.

Note:
If the setting you want isn't shown (for example, **Scale**), check for it in your application before printing. Or check for it in the settings for your application at the bottom of this window. (If you're printing from Preview, you see the settings shown below.)

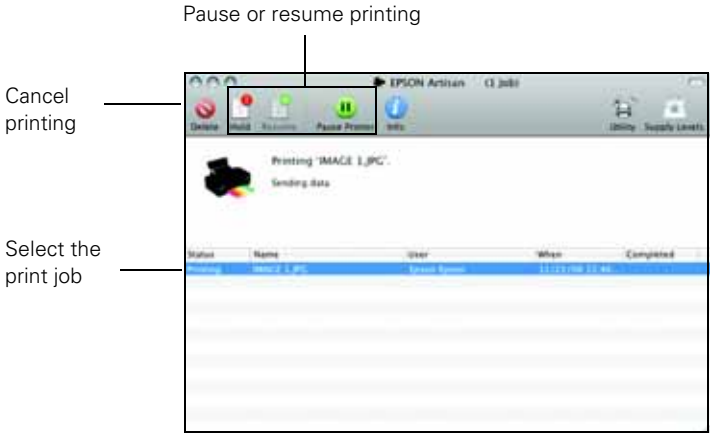
6. Choose **Print Settings** from the pop-up menu, then select the following settings that appear on the bottom of the screen:



7. Choose any other printing options you may need from the pop-up menu. See the on-screen *User's Guide* for details.

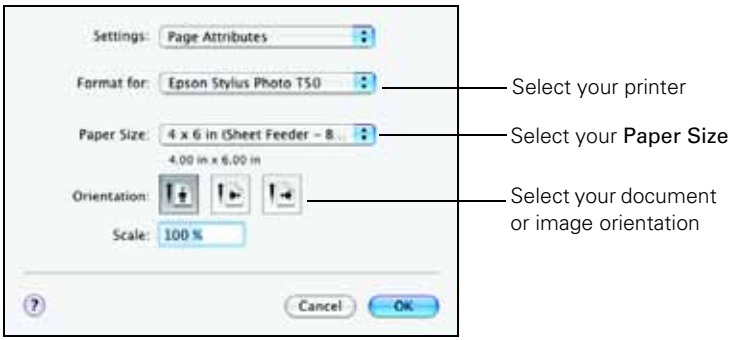
Tip:
To automatically adjust the color, contrast, and sharpness of photos, choose **Color Management** from the pop-up menu and select **Fix Photo**. To reduce or remove red-eye effects in photos, choose **Extension Settings** from the pop-up menu and select **Fix Red-Eye**.

8. Click Print.
9. To monitor your print job, click the printer icon in the dock. Select your print job, then select an option to cancel, pause, or resume printing, if necessary.



Mac OS X 10.3 to 10.4

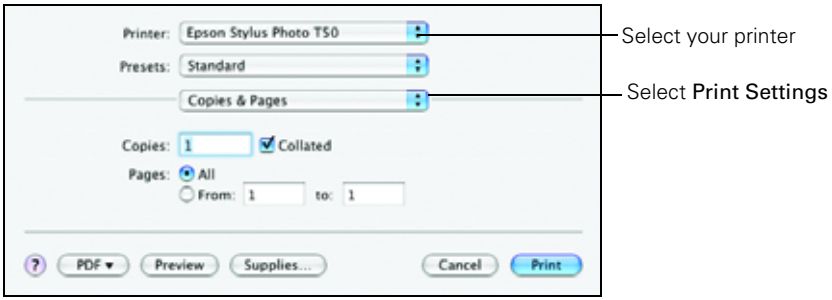
1. Open a photo or document in an application.
2. Select Page Setup from the File menu. Select the following settings:



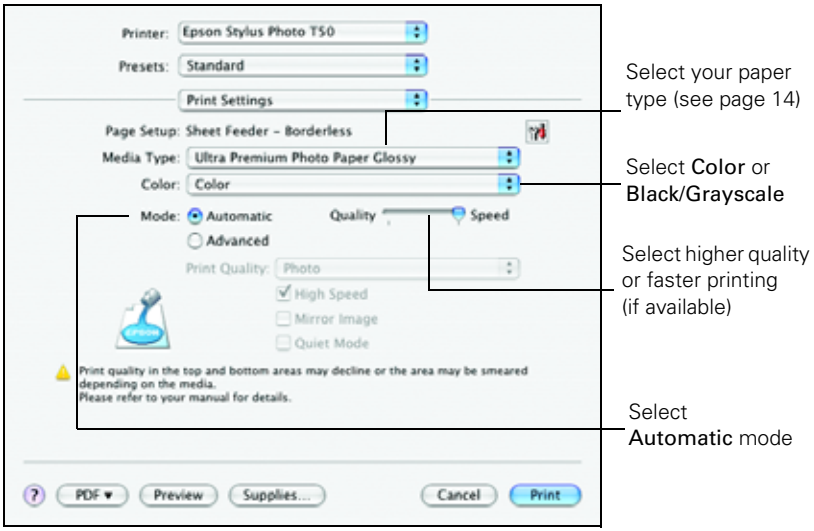
For borderless printing, choose a Sheet Feeder - Borderless option in the Paper Size list for your paper size.

3. Click OK to close the Page Setup window.

4. Select **Print** from the File menu. You see a window like this one:



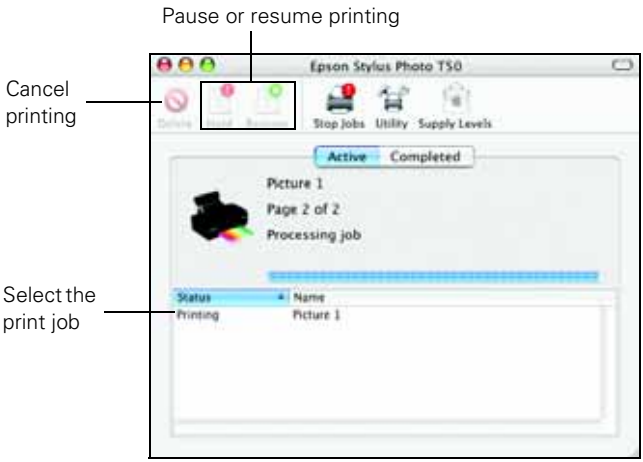
5. Choose **Print Settings** from the pop-up menu and select the following settings as necessary:



Note:
In certain programs, you may need to select **Advanced** before you can select **Print Settings**. For more information about printer settings, click the **?** button.

6. Click the **Advanced** button to change additional settings.
7. Choose any other printing options you may need from the pop-up menu. See your on-screen *User's Guide* for details.
8. Click **Print**.

9. To monitor the progress of your print job, click the printer icon in the dock.



Selecting the Correct Paper Type

Select the correct Type (see page 9) or Media Type (see page 11 or page 13) setting in your printer software. This tells the printer what kind of paper you're using, so the ink coverage can be adjusted accordingly.

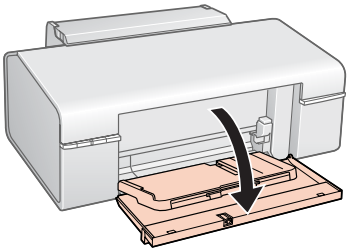
For this paper	Select this setting
Plain paper Epson Bright White Paper	Plain Paper/Bright White Paper
Epson Ultra Premium Photo Paper Glossy	Ultra Premium Photo Paper Glossy
Epson Premium Photo Paper Glossy	Premium Photo Paper Glossy
Epson Photo Paper Glossy	Photo Paper Glossy
Epson Premium Photo Paper Semi-gloss	Premium Photo Paper Semi-Gloss
Epson Presentation Paper Matte	Presentation Paper Matte
Epson Premium Presentation Paper Matte Epson Premium Presentation Paper Matte Double-sided Epson Photo Quality Self-adhesive Sheets Epson Iron-on Cool Peel Transfer Paper	Premium Presentation Paper Matte
Envelopes	Envelope

Printing on CDs and DVDs

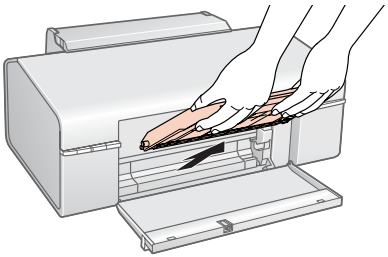
Your printer includes a special tray that lets you print customized text, graphics, and photos directly on an ink jet-printable CD or DVD. The Epson Print CD software makes it easy to import your own photos, add text, and modify your designs with a variety of special effects. For detailed instructions on printing, see the on-screen *User's Guide*.

To prevent errors, make sure the data, music, or video is burned on your CD/DVD before you print.

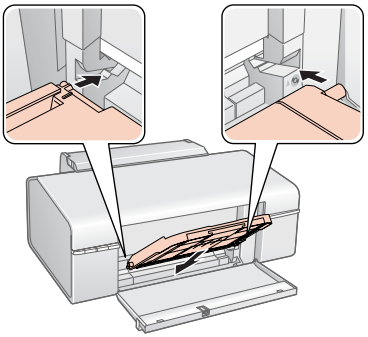
1. Turn on the printer, then open the front cover.



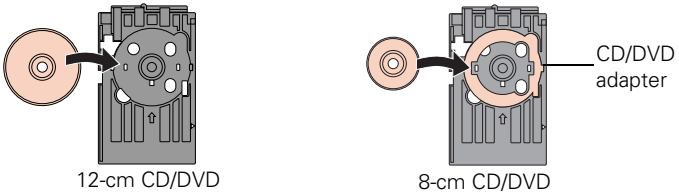
2. Lift the front tray up with both hands, then pull it out of the paper position (lower notches).



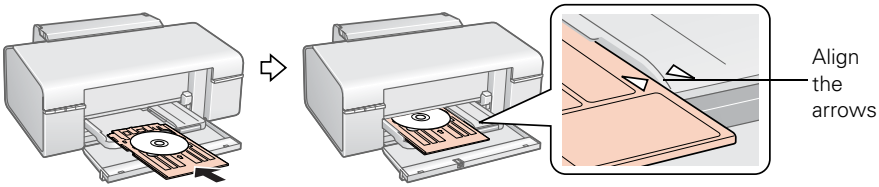
3. Place the front tray in the CD/DVD position (upper notches).



4. Place the disc on the CD/DVD tray with the white or printable side face-up. Make sure the disc lies flat in the tray.



5. Gently insert the CD/DVD tray along the base of the front tray until the arrows on the CD/DVD tray and the front tray are aligned. Make sure both sides of the CD/DVD tray slide into the brackets on the front tray.



6. To design and print with Epson Print CD, follow the detailed instructions in in the on-screen *User's Guide*.

Caution:
Be sure to place the front tray in the paper (lower) position when you're done printing on CDs and DVDs.

Maintaining Your Printer

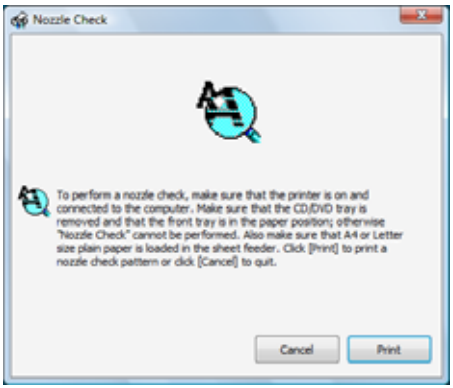
Follow the instructions in this chapter for checking and cleaning the print head nozzles and replacing ink cartridges. To align the print head, if necessary, see your on-screen *User's Guide*.

Checking the Print Head Nozzles

If your printouts are faint or have gaps in them, some of the nozzles in the print head may be clogged. Follow the steps below to check the print head nozzles.

1. Load a few sheets of plain paper in the sheet feeder.
2. **Windows**:
   Right-click the printer icon in the bottom right corner of your screen (the taskbar) and select Nozzle Check.

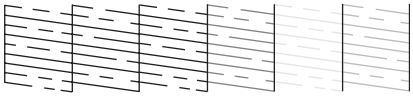
   Macintosh:
   Open the Applications folder, open EPSON Printer Utility3, select your printer (if necessary), and click OK. Then select Nozzle Check.


Nozzle Check
To perform a nozzle check, make sure that the printer is on and connected to the computer. Make sure that the CD/DVD tray is removed and that the front tray is in the paper position; otherwise "Nozzle Check" cannot be performed. Also make sure that A4 or Letter size plain paper is loaded in the sheet feeder. Click [Print] to print a nozzle check pattern or click [Cancel] to quit.
Cancel
Print

3. Click Print.

4. Check the nozzle pattern that prints to see if there are gaps in the lines.

Nozzles are clean



Nozzles need cleaning

5. If there are no gaps, click Finish. If there are gaps or the pattern is faint, clean the print head as described in the next section.

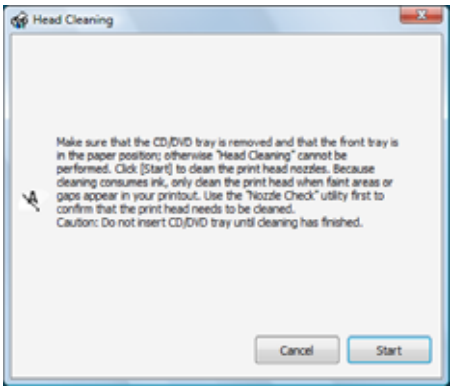
Cleaning the Print Head

If print quality has declined and the nozzle check pattern indicates clogged nozzles, you can clean the print head. Print head cleaning uses ink, so clean it only if necessary.

Note:
You cannot clean the print head if an ink cartridge is expended, and you may not be able to clean it when a cartridge is low. You must replace the cartridge first (see page 21).

1. Load a few sheets of plain paper in the sheet feeder.
2. **Windows:**
   Right-click the printer icon in the bottom right corner of your screen (the taskbar) and select Head Cleaning.

   Macintosh:
   Open the Applications folder, open EPSON Printer Utility3, select your printer (if necessary), and click OK. Then select Head Cleaning.


Head Cleaning
Make sure that the CD/DVD tray is removed and that the front tray is in the paper position; otherwise "Head Cleaning" cannot be performed. Click [Start] to clean the print head nozzles. Because cleaning consumes ink, only clean the print head when faint areas or gaps appear in your printout. Use the "Nozzle Check" utility first to confirm that the print head needs to be cleaned.
Caution: Do not insert CD/DVD tray until cleaning has finished.
Cancel
Start

3. Follow the on-screen instructions to start the cleaning cycle, which lasts around one minute.

   The ⏻ power light flashes throughout the cleaning cycle and stays on green when the cycle is finished.

   Caution: Never turn off the printer during a cleaning cycle or you may damage it.

4. When the ⏻ power light stops flashing and remains on, you can check to see if the nozzles are clean. Click Print Nozzle Check Pattern and click Print.
5. Check the nozzle pattern that prints to see if there are gaps in the lines.
6. If there are no gaps, click Finish.

   If there are gaps or the pattern is faint, click Clean to clean the print head again.

Note:
If you don't see any improvement after cleaning the print head four times, turn off your printer and wait at least six hours to let any dried ink soften. Then try cleaning the print head again. If quality does not improve, one of the ink cartridges may need to be replaced. If that doesn't help, contact Epson as described on page 29.

If you do not use your printer often, it is a good idea to print a few pages at least once a month to maintain good print quality.

Checking the Ink Cartridge Status

When the ◊ ink light starts flashing, a cartridge is low on ink. You can continue printing until a cartridge needs replacement. When the ◊ ink light stays on, you need to replace a cartridge.

Note:
You cannot print when an ink cartridge is expended even if the other cartridges are not expended. Replace any expended cartridges before printing.

A window will appear on your computer screen when you try to print when ink is low. This window can optionally display ink offers and other updates retrieved from an Epson website. On a computer that is connected to the Internet, you may see a screen asking if you want to receive these Epson offers the first time you try to print when ink is low. Select Do not display this message again to not receive on-line offers. Promotional offers are not valid in Latin America.

Note:
To disable checking for ink offers or updates from Epson, see the instructions in your on-screen *User's Guide*.

Tip:
If a cartridge is more than six months old, print quality may decline. If necessary, try cleaning the print head (see page 18). If printouts still do not look their best, you may need to replace the cartridge.

Use the following list when you purchase new ink cartridges:

Ink color	High-capacity	Standard-capacity
Black	81N	82N
Cyan	81N	82N
Magenta	81N	82N
Yellow	81N	82N
Light Cyan	81N	82N
Light Magenta	81N	82N

You can purchase genuine Epson ink and paper from an Epson Authorized reseller. To find the nearest reseller, call your nearest Epson sales office. See page 29.

Note:
We recommend that you use genuine Epson cartridges and do not refill them. The use of other products may affect your print quality and could result in printer damage.

The printer ships with full cartridges and part of the ink from this first set of cartridges is used for priming the printer.

Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature. For print quality, a small amount of ink remains in the cartridge after the "replace cartridge" indicator comes on.

For best printing results, use up a cartridge within six months of opening the package and before the expiration date on the cartridge box.

Store ink cartridges in a cool, dark place. If cartridges have been exposed to cold temperatures, allow them to warm up to room temperature for at least 3 hours before using them.

Replacing Ink Cartridges

Make sure you have a new ink cartridge before you begin. You must install new cartridges immediately after removing the old ones.

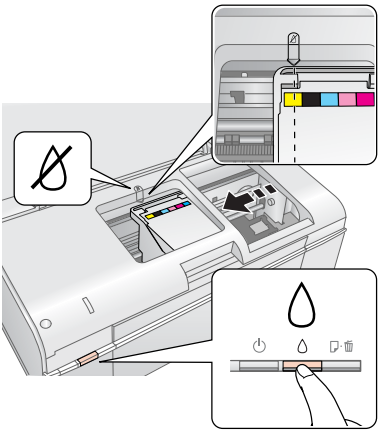
Warning:
Keep ink cartridges out of the reach of children and do not drink the ink.

Caution:
Do not open ink cartridge packages until you are ready to install the ink. Cartridges are vacuum packed to maintain reliability.

Note:
Leave the expended cartridge installed until you have obtained a replacement, or the ink remaining in the print head nozzles may dry out.

1. Turn on the printer.
2. Open the printer cover.
3. Press the ◊ ink button.

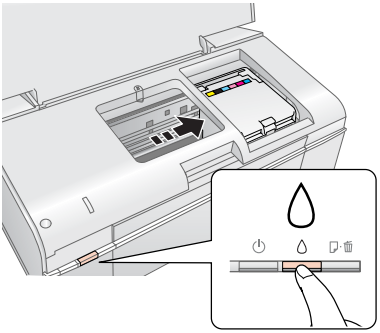
   If you are replacing a low or expended cartridge, the print head moves to the ⁄◊ position to indicate which cartridge is low or expended.



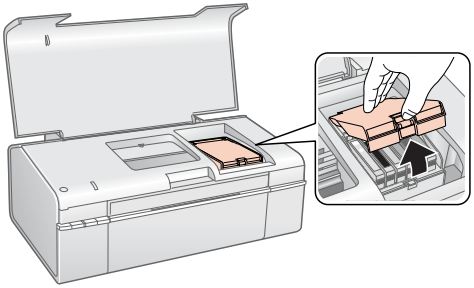
If you are replacing a cartridge before it is low or expended, the print head moves directly to the ink cartridge replacement position. Skip to step 5.

4. Press the ◊ ink button again.

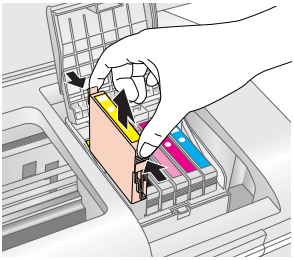
   - If another cartridge is low or expended, it moves to the ⊘ position. Press the ◊ ink button again to see if any more cartridges are low or expended.
   - If no other cartridges are low or expended, the print head moves to the replacement position.



5. Open the cartridge cover.



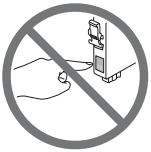
6. Squeeze the tab on the cartridge and lift it up. Dispose of it carefully. Do not take the used cartridge apart or try to refill it.



Caution:
Do not touch the white cable inside the printer or you may damage it.

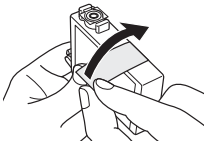
Warning:
If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. Keep ink cartridges out of the reach of children.

7. Remove the cartridge from the package, but be careful not to touch the green chip on the cartridge.

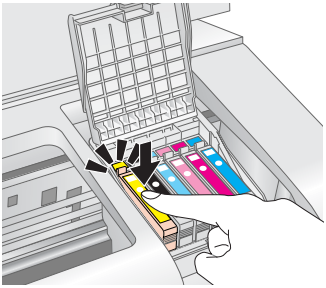


8. Remove the yellow tape from the bottom of the ink cartridge.

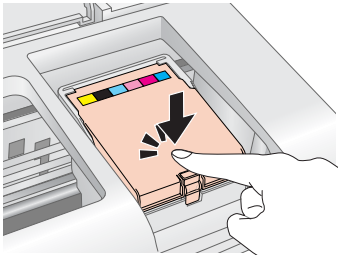
Caution:
Do not remove any other labels or seals, or ink may leak.



9. Insert the new ink cartridge into the holder and push it down until it clicks into place.



10. Once you replace all the cartridges that need replacing, close the cartridge cover, then close the printer cover.



11. Press the ◊ ink button to begin charging the ink. This takes about two minutes. When it's finished, the ⏻ power light stops flashing and remains on, and the ◊ ink light goes out.

Caution:
Never turn off the printer while ink is charging or you'll waste ink. If the ◊ ink light flashes, press the ◊ ink button again and press down all the cartridges securely.

Note:
If you remove a low or expended ink cartridge, you cannot reinstall and use the cartridge.

Solving Problems

If you have a problem with your printer, check the lights on the printer to diagnose the cause.

You can also check “Problems and Solutions” on page 27 for basic troubleshooting suggestions, or see the on-screen *User’s Guide* for more detailed help.

Checking for Software Updates

Periodically, it’s a good idea to check Epson’s support website at **www.latin.epson.com** for free updates to your Epson Stylus Photo T50 software.

With Windows, you can select Driver Update on the Maintenance tab in the printer settings window. You can also click or Start, select All Programs or Programs, select EPSON, select EPSON T50 Series, and click Driver Update.

Error Indicators

Light status	Problem and Solution
⎚ light on	Paper is out or multiple pages have fed. Load or reload paper in the sheet feeder, then press the ⎚ button. If you're printing on a CD or DVD, the disc is not loaded. Load the disc as described on page 15, then press the ⎚ button.
⎚ light flashing	Paper is jammed. Carefully remove the jam as described on page 27. If you're printing on a CD or DVD, the tray is not ejected. Pull out the CD/DVD tray, then press the ⎚ button.
◊ light flashing	One or more cartridges have low ink. You can continue printing until a cartridge needs replacement. Check the cartridge status to determine which cartridges are affected (see page 19).
◊ light on	One or more ink cartridges are expended, incorrectly installed, or cannot be used with the printer. If an ink cartridge is likely to be expended, you must replace the cartridge to be able to print. If you just replaced a cartridge and the light is still on, the cartridge is not installed correctly. Press the ◊ button to move the cartridges to the replacement position. Press down on all the installed cartridges, then press the ◊ button to continue.
◊ ink and ⎚ lights are flashing; ⏻ light is on	The printer cover is open or the front tray is not in the correct position. Make sure the cover is closed and the front tray is in the correct position (lower for paper, upper for CD/DVD)
◊ ink and ⎚ lights are flashing alternately; ⏻ light is off	Parts inside the printer are at the end of their service life. Contact Epson for help (see page 29).
◊ ink and ⎚ lights are flashing; ⏻ light is off	There is a problem with the printer. Turn it off, wait a few moments, and turn it back on again. If the error is not resolved, contact Epson for help (see page 29).

Problems and Solutions

Check the solutions below if you're having trouble using your printer.

Printing Problems

- Make sure your paper is loaded short edge first and is positioned against the right side with the edge guide against its left side. Don't load paper above the arrow mark inside the edge guide.
- If you are printing borderless photos, make sure you select the Borderless option in Windows, or one of the Sheet Feeder - Borderless sizes in Mac OS. Use the Expansion setting in the printer software to adjust how the image fits on the page.

Paper Feeding Problems

- If paper doesn't feed, remove it from the sheet feeder. Flip through the stack to separate the sheets a little. Then reload the paper against the right side, and slide the left edge guide against the paper (but not too tightly).
- Do not load too many sheets at once. Load up to 20 sheets of photo paper, 120 sheets of letter- or A4-size plain paper, 100 sheets of Presentation Paper Matte, or 80 sheets of Epson Bright White Paper. Load other special papers one sheet at a time.
- If paper is stuck inside, open the printer cover, then remove the jammed paper and torn pieces. Close the cover. If paper is stuck in the sheet feeder, gently pull it out. Then carefully reload paper and press the paper button.

Print Quality Problems

If you have any problems with the print quality, try these solutions:

- Make sure the printer is not tilted or placed on an uneven surface.
- Load the paper printable side up (usually the whiter, brighter, or glossy side).
- Make sure your paper isn't damp or curled.
- Use a support sheet with special paper or load your paper one sheet at a time. Remove sheets from the output tray so not too many collect at a time.
- Make sure the type of paper you loaded matches the paper size and paper type settings in your printer software (see page 14).
- For the best print quality, use Epson special paper (see page 6) and genuine Epson ink cartridges (see page 19).
- If you notice light or dark bands across your printouts or they are too faint, you may need to clean the print head (see page 18). This unclogs the nozzles so they can deliver ink properly. Run a nozzle check (see page 17) to see if the print head needs cleaning.
- If you notice jagged vertical lines, you may need to align the print head. See your *User's Guide* for instructions.
- The ink cartridges may be low on ink. Check your cartridge status (see page 19) and replace cartridges, if necessary (see page 21).

Where To Get Help

Epson Technical Support

Internet Support

Visit Epson's support website at **www.latin.epson.com** for your Epson Stylus Photo T50 for solutions to common problems. You can download drivers, get FAQs and troubleshooting advice, or e-mail Epson with your questions.

Speak to a Support Representative

Before you call Epson for support, please have the following information ready:

- Product name (Epson Stylus Photo T50)
- Product serial number (located on the back of product)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration
- Description of the problem

Then call:

Country	Telephone
Argentina	(54 11) 5167-0300
Brazil	(55 11) 3956-6868
Chile	(56 2) 230-9500
Colombia	(57 1) 523-5000
Costa Rica	(50 6) 2210-9555 (800) 377-6627
Mexico Mexico City Other cities	 (52 55) 1323-2052 (01 800) 087-1080
Peru	(51 1) 418-0210
Venezuela	(58 212) 240-1111

Toll or long distance charges may apply.

Purchase Supplies and Accessories

You can purchase genuine Epson ink and paper from an Epson Authorized reseller. To find the nearest reseller, call your nearest Epson sales office, as described above.

Notices

System Requirements

To use the Epson Stylus Photo T50 and its software, your computer system should meet or exceed the requirements in these sections:

Windows Requirements

- A Microsoft® Windows compatible PC with an 800 MHz or faster processor recommended
- Microsoft Windows 2000, Windows XP, Windows XP Professional x64 Edition, or Windows Vista
- 256MB RAM for Windows 2000, Windows XP, and Windows XP Professional x64 Edition (512MB recommended)

  1GB RAM for Windows Vista
- 450MB free hard disk space (550MB recommended)
- 4× or faster CD-ROM drive for installing the software
- A Windows-compliant USB port and shielded USB "AB" cable up to 2 meters long. Using an improperly shielded USB cable may cause the Epson Stylus Photo T50 to malfunction.

Macintosh Requirements

- An Apple® Macintosh
- Mac OS X 10.3.9, 10.4.11, or 10.5.x
- 256MB RAM (512MB recommended)
- 450MB free hard disk space (550MB recommended)
- 4× or faster CD-ROM drive for installing the software
- A USB port and a shielded USB "AB" cable up to 2 meters long. Using an improperly shielded USB cable may cause the Epson Stylus Photo T50 to malfunction.

Important Safety Instructions

Before using your printer, read and follow these safety instructions:

- Be sure to follow all warnings and instructions marked on the printer.
- Use only the type of power source indicated on the printer label.
- Use only the power cord that comes with the printer. Use of another cord may cause fires or shock. Do not use the cord with any other equipment.
- Place the printer near a wall outlet where the plug can be easily unplugged.
- If you won't be using the printer for a long period, unplug the power cord from the electrical outlet.
- Always turn off the printer using the ⏻ power button, and wait until the ⏻ power light stops flashing before unplugging the printer or cutting off power to the electrical outlet.
- Avoid plugging the printer into an outlet on the same circuit as a photo copier or air control system that regularly switches on and off, or on an outlet controlled by a wall switch or timer.
- Do not let the power cord become damaged or frayed.
- If you use an extension cord with the printer, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- Avoid locations that are subject to rapid changes in heat or humidity, shocks or vibrations, or dust.
- Leave enough room around the printer for sufficient ventilation. Do not block or cover openings in the case or insert objects through the slots.
- Do not place or store the printer near a radiator or heating vent, in a dusty or moist environment, in direct sunlight, or outdoors.
- Keep the printer away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- Do not use aerosol products that contain flammable gases inside or around the printer. Doing so may cause fire.
- Place the printer on a flat, stable surface that extends beyond its base in all directions. It will not operate properly if it is tilted or at an angle.
- Do not touch the flat white cable inside the printer, and be careful not to trap your fingers when closing the printer.
- Do not spill liquid on the printer or use it with wet hands.

- Except as specifically explained in your documentation, do not disassemble, modify, or attempt to service the printer yourself.
- Unplug the printer and refer servicing to qualified service personnel under the following conditions: if the power cord or plug is damaged; if liquid has entered the product; if the product has been dropped or the case damaged; if the product does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.
- When storing or transporting the printer, do not tilt it, stand it on its side, or turn it upside down; otherwise ink may leak from the cartridges.

Ink Cartridge Safety

- Keep ink cartridges out of the reach of children and do not drink the ink.
- Be careful when you handle used ink cartridges; there may be ink remaining around the ink supply port. If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.
- Do not put your hand inside the printer or touch any cartridges during printing.
- Install a new ink cartridge immediately after removing an expended one. Leaving cartridges uninstalled can dry out the print head and may prevent the printer from printing.
- If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the printer. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink cartridge ink supply port or surrounding area. Store cartridges with their labels facing upward.

Technical Specifications

Printing		
Paper path	Sheet feeder, top entry	
Sheet feeder capacity	Approx. 120 sheets at 90 g/m^2	
Ink Cartridges		
Color	Cyan (82N), Magenta (82N), Yellow (82N), Black (82N)	
Cartridge life	6 months	
Temperature	Storage: –20 °C to 40 °C 1 montha at 40 °C Ink freezes at*: –16 °C	
*Ink thaws and is usable after approximately 3 hours at 25 °C.		
Note: Epson recommends the use of genuine Epson ink cartridges. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranty, and under certain circumstances, may cause erratic printer behavior. Do not use an ink cartridge if the date on the package has expired. For best printing results, use up a cartridge within six months of opening the package.		
Mechanical		
Size	Width: 450 mm Depth: 289 mm Height: 187 mm	
Weight	5.5 kg (without the ink cartridges)	
Electrical		
	100-120 V Model	220-240 V Model
Input voltage range	90 to 132 V	198 to 264 V
Rated frequency range	50 to 60 Hz	
Rated current	0.6 A	0.3 A
Power consumption	Printing: Approx. 13 W Sleep mode: Approx 1.0 W Power off mode: Approx. 0.2 W	Printing: Approx.13 W Sleep mode: 1.2 W Power off mode: 0.3 W
Note: revise las especificaciones de voltaje en la parte posterior de la impresora.		
Environmental		
Temperature	Operation: 10 to 35 °C Storage: –20 to 40 °C 1 month at 40 °C	

Humidity (without condensation)	Operation: 20% to 80% RH Storage: 5% to 85% RH
Interface	
Type	One USB 2.0 Hi-Speed (for computer)
Standards	
Safety	UL 60950-1 CAN/CSA C22.2 N° 60950-1
EMC	FCC part 15 Subparte B class B CAN/CSA-CEI/IEC CISPR 22 class B

FCC Compliance Statement

For United States Users

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this

equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For Canadian Users

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Declaration of Conformity

According to 47CFR, Part 2 and 15 for: Class B Personal Computers and Peripherals; and/or CPU Boards and Power Supplies used with Class B Personal Computers:

We:	Epson America, Inc.
Located at:	MS 3-13
	3840 Kilroy Airport Way
	Long Beach, CA 90806
	Telephone: (562) 290-5254

Declare under sole responsibility that the product identified herein, complies with 47CFR Part 2 and 15 of the FCC rules as a Class B digital device. Each product marketed is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR §2.909. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name:	Epson
Type of Product:	Printer
Model:	B412B

Epson America, Inc. Limited Warranty

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